

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	18	(registration\$1 register\$3) near4 (cable adj modem cm cms) with (capabilit\$3 support \$3 legacy proprietary) and (@rlad<"20031010" and docsis not broadcom.asn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/09/09 12:15
L3	28	(parameter\$1 rate\$1 channel) with (nyquist alpha) and (registration\$1 register\$3) with (parameter\$1 rate\$1 channel\$1 nyquist alpha) and (@rlad<"20031010" and docsis not broadcom.asn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/09/09 12:16
L4	28	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation adj rate) and (base adj rate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/09/09 12:16
L5	1	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation adj rate) and (base adj rate)) not Broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/09/09 12:16
S1	1	"20050078699"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:46
S2	514	370/437.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:47
S3	53687	cable and modem and interface	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:48
S4	52555	cable and modem and interface and data	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:49
S5	1047	cable and modem and interface and data and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:49
S6	826	cable and modem and interface and data and cmts and docsis and (@rlad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:50

S7	819	(cable adj modem) and interface and data and cmts and docsis and (@rlad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 09:52
S8	91	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:57
S9	0	"10440325"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:53
S10	1	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and ((modulation or base or alpha) adj (rate or value))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:59
S11	1	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and ((modulation or base) adj (rate or value))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:58
S12	1	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and ((modulation or base) adj (rate or value))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 10:59
S13	0	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and (modulation adj (rate or value))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:00
S14	2	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and ((base or value) adj (rate or value))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:04
S15	0	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and ((base or value) adj (rate or value)) and UCD	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:05

S16	10	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and UCD	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 18:06
S17	1	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and UCD and (computer adj program)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 15:11
S18	1	"20040233926"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:07
S19	3	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and UCD and proprietary	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:28
S20	0	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and UCD and (non\$legacy or non \$proprietary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:29
S21	3	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and UCD and (legacy or proprietary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 11:29
S22	27	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and (UCD or upstream channel descriptor) and (computer adj program)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 15:14
S23	1	(cable adj modem) and interface and data and cmts and (docsis\$compliant) and (@rlad<"20030519" or @ad<"20030519") and (UCD or (upstream adj channel adj descriptor)) and (computer adj program)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/23 15:15
S24	22	proprietary and (ucd or (upstream near3 channel near3 descriptor)) and cmts	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 17:22
S27	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 17:53

S28	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 17:53
S29	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 17:53
S30	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 17:53
S31	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 17:53
S32	1	("2004/0228277").URPN.	USPAT	OR	ON	2007/04/24 17:53
S33	0	("2007/0050835").URPN.	USPAT	OR	ON	2007/04/24 17:54
S34	0	("2007/0050835").URPN.	USPAT	OR	ON	2007/04/24 17:54
S35	0	("2007/0050835").URPN.	USPAT	OR	ON	2007/04/24 17:54
S36	0	("2005/0078699").URPN.	USPAT	OR	ON	2007/04/24 17:54
S37	5	("2002/0136203").URPN.	USPAT	OR	ON	2007/04/24 17:54
S38	5	("2002/0136203").URPN.	USPAT	OR	ON	2007/04/24 17:54
S39	0	("2003/0169735").URPN.	USPAT	OR	ON	2007/04/24 18:00
S40	0	("2007/0058640").URPN.	USPAT	OR	ON	2007/04/24 18:00
S41	0	("2004/0190544").URPN.	USPAT	OR	ON	2007/04/24 18:00
S42	2	("2004/0181811").URPN.	USPAT	OR	ON	2007/04/24 18:00
S43	61	docsis and (@riad<"20030519" or @ad<"20030519") and (UCD near3 message)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 18:25
S44	3	docsis and (@riad<"20030519" or @ad<"20030519") and (UCD near3 message) and (modulat\$3 adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 18:33
S45	8	docsis and (@riad<"20030519" or @ad<"20030519") and (UCD near3 message) and ((modulat\$3 or base) adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 18:39
S46	0	docsis and (@riad<"20030519" or @ad<"20030519") and (UCD near3 message) and ((modulat\$3 or base) adj rate) and (alpha adj value)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/24 18:40
S47	8	"6791995"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 10:16

S48	6	("6791995").URFN.	USPAT	OR	ON	2007/04/25 10:42
S49	6	("20010033611"   "20020150173"   "20020154620"   "20020199202"   "6353490"   "6459703").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 10:43
S50	6	("20010033611"   "20020150173"   "20020154620"   "20020199202"   "6353490"   "6459703").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 10:43
S51	0	("2006/0085633").URFN.	USPAT	OR	ON	2007/04/25 10:49
S52	17	("20010046266"   "20020154620"   "6175560"   "6222819"   "6310865"   "6381211"   "6430169"   "6608838"   "6687238"   "6693853"   "6757334"   "6763244"   "6791995"   "6798759"   "6810029"   "7002945"   "7050419").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 10:54
S53	1	"20040008683"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 14:07
S54	3324295	alpha value	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:23
S55	4791	alpha adj value	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:15
S56	0	(alpha adj value) and cmst and cm	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:25
S57	0	(alpha adj value) and cmst	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:25
S58	1	(alpha adj value) and (base adj rate) and (modulation adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:26
S59	35	(base adj rate) and (modulation adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:27
S60	19	(base adj rate) and (modulation adj rate) and (@rlad< "20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:28
S61	33	(base adj rate) and (modulation adj rate) and (@rlad< "20030519" or @ad< "20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 16:28

S62	1	"20040008683"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:08
S63	4075	(alpha adj value) and (@riad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:16
S64	68	(alpha adj value) and (@riad<"20030519" or @ad<"20030519") and nyquist	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:17
S65	64	(alpha adj value) and (@riad<"20030519" or @ad<"20030519") and nyquist and data	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:18
S66	1	(alpha adj value) and (@riad<"20030519" or @ad<"20030519") and nyquist and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/25 17:18
S67	2	multicast adj UCD adj message	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:15
S68	1716	multicast adj message	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:15
S69	19	multicast adj message and cmts	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:15
S70	19	(multicast adj message) and cmts	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:15
S71	15	(multicast adj message) and cmts and (@riad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:17
S72	17	((unicast or multicast) adj message) and cmts and (@riad<"20030519" or @ad<"20030519")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 09:18
S73	1	"20040017830"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 11:16
S74	1	10/668728	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/26 16:29
S75	2	(cable adj modem) and interface and data and cmts and docsis and (@riad<"20030519" or @ad<"20030519") and (proprietary near5 parameter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 09:55

S76	0	(cable adj modem) and interface and data and cmts and docsis and (@rlad<"20030519" or @ad<"20030519") and (proprietary adj5 parameter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 10:00
S77	3	((@rlad<"20031010" or @ad<"20031010") and (proprietary adj5 parameter) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 10:06
S78	5	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 parameter) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 10:08
S79	5	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 parameter) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/18 10:08
S80	16	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 (parameter or channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 16:30
S81	12	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 channel) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 16:31
S82	1	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 (parameter and channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 17:43
S83	3	((@rlad<"20031010" or @ad<"20031010") and (proprietary near5 parameter) and cmts and docsis and bandwidth and registration	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 17:45
S84	3	((@rlad<"20031010" or @ad<"20031010") and ((proprietary or legacy) near5 parameter) and cmts and docsis and bandwidth and registration	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 17:52
S85	5	((@rlad<"20031010" or @ad<"20031010") and ((proprietary or legacy) near5 parameter) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 17:52

S86	5	((@rld<"20031010" or @ad<"20031010") and ((proprietary or legacy) near5 parameter) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 18:06
S87	23	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 18:17
S88	99	((@rld<"20031010" or @ad<"20031010") and ((proprietary or legacy or non \$docsis) with (parameter or channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 18:21
S89	70	((@rld<"20031010" or @ad<"20031010") and ((proprietary or legacy or non \$docsis) near5 (parameter or channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 18:22
S90	5	"7085287"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:00
S91	12	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel)) and cmts and docsis and bandwidth and registration	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:19
S92	23	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel)) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:28
S93	1	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel) with creat\$3) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:30
S94	1	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel) same creat\$3) and cmts and docsis and bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:30
S95	1	((@rld<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel)) and cmts and docsis and bandwidth and (creat\$3 near5 channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:31



S96	16	((@r!ad<"20031010" or @ad<"20031010") and (proprietary with (parameter or channel)) and cmts and docsis and bandwidth and creat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:31
S97	1	((@r!ad<"20031010" or @ad<"20031010") and (proprietary with channel with (new or creat\$3)) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 19:59
S98	0	((@r!ad<"20031010" or @ad<"20031010") and (no \$docsis with channel with (new or creat\$3)) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 20:00
S99	9	((@r!ad<"20031010" or @ad<"20031010") and (no \$docsis with channel) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 20:00
St100	2	((@r!ad<"20031010" or @ad<"20031010") and (no \$docsis near5 channel) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/11 20:14
St101	2	((@r!ad<"20031010" or @ad<"20031010") and (non \$docsis near5 channel) and cmts and docsis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 11:42
St102	138	((@r!ad<"20031010" or @ad<"20031010") and (docsis same proprietary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:04
St103	89	((@r!ad<"20031010" or @ad<"20031010") and (docsis with proprietary)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:05
St104	50	((@r!ad<"20031010" or @ad<"20031010") and (docsis with proprietary) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:05
St105	7307	((@r!ad<"20031010" or @ad<"20031010") and (docsis with proprietary) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:06
St106	37	((@r!ad<"20031010" or @ad<"20031010") and (docsis with proprietary) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:06
St107	0	((@r!ad<"20031010" or @ad<"20031010") and ((docsis with proprietary) same parameter) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:06
St108	37	((@r!ad<"20031010" or @ad<"20031010") and ((docsis with proprietary) and parameter) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:06

S109	0	((@r!ad< "20031010" or @ad< "20031010") and (docsis with (proprietary near5 parameter)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:11
S110	4	((@r!ad< "20031010" or @ad< "20031010") and (docsis and (proprietary near5 parameter)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:11
S111	7	((@r!ad< "20031010" or @ad< "20031010") and (docsis and (proprietary near5 (feature parameter))) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:13
S112	32	("20020006010"   "4654871"   "4715559"   "5018202"   "5267320"   "5336856"   "5502869"   "5511127"   "5526421"   "5526432"   "5583943"   "5638454"   "5692054"   "5715320"   "5733320"   "5781640"   "5815582"   "5828768"   "5834647"   "5841978"   "5845236"   "5852667"   "5917919"   "5995632"   "6049615"   "6061456"   "6084971"   "6188770"   "6232994"   "6275592"   "6285773"   "6324573").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 12:16
S113	8	((@r!ad< "20031010" or @ad< "20031010") and (docsis and ((proprietary non\$docsis) near5 (feature parameter))) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 12:17
S114	7	((@r!ad< "20031010" or @ad< "20031010") and (docsis and ((proprietary non\$docsis) near5 (feature parameter))) and channel not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 13:36
S115	7	((@r!ad< "20031010" or @ad< "20031010") and (docsis and ((proprietary non\$docsis) near5 (feature parameter))) and (link channel) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 13:36
S116	2	((@r!ad< "20031010" or @ad< "20031010") and (docsis and ((proprietary non\$docsis) with (feature parameter))) and (creat\$3 near3 (link channel)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 13:48

S117	25	((@rlad<"20031010" or @ad<"20031010") and (docsis and ((proprietary non\$docsis) same (feature parameter))) and (creat\$3 near3 (link channel)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/01/09 13:49
S118	7	((@rlad<"20031010" or @ad<"20031010") and docsis and (proprietary with parameter) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 12:11
S119	9	((@rlad<"20031010" or @ad<"20031010") and docsis and (proprietary with parameter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 12:19
S120	10	"7085287"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 12:47
S121	25	((@rlad<"20031010" or @ad<"20031010") and (docsis and ((proprietary non\$docsis) same (feature parameter))) and (creat\$3 near3 (link channel)) and efficiency not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 14:03
S122	2	((@rlad<"20031010" or @ad<"20031010") and (docsis and ((proprietary non\$docsis) same (feature parameter))) and (creat\$3 near3 (link channel)) and (improv\$3 near5 efficiency) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 14:04
S123	21	((@rlad<"20031010" or @ad<"20031010") and (docsis and ((proprietary non\$docsis non\$legacy) same (feature parameter))) and (creat\$3 near3 (link channel)) and cmts not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 14:31
S124	33	((@rlad<"20031010" or @ad<"20031010") and docsis and cmts and (proprietary non\$docsis non\$legacy) and (feature parameter) and (creat\$3 near3 (link channel)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 14:52
S125	59	((@rlad<"20031010" or @ad<"20031010") and cmts and (proprietary non\$docsis non\$legacy) and (creat\$3 near3 (link channel)) not broadcom	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 15:47

S126	3	((@r!ad< "20031010" or @ad< "20031010") and cmts and non\$docsis and (creat\$3 near3 (link channel)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 15:49
S127	353	((@r!ad< "20031010" or @ad< "20031010") and docsis and (separate near5 channel) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:33
S128	136	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts) and (separate near5 channel) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:33
S129	54	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (separate near5 channel) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:33
S130	29	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:44
S131	8142	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:44
S132	26	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:44
S133	0	((@r!ad< "20031010" or @ad< "20031010") and (non \$docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:52
S134	2	((@r!ad< "20031010" or @ad< "20031010") and non \$docsis and (cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/04 16:52
S135	26	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration adj5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/05 15:14
S136	2	"11249536"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/06 10:56

SI37	8208	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:09
SI38	26	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:09
SI39	0	((@r!ad< "20031010" or @ad< "20031010") and (non \$docsis same cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:09
SI40	2	((@r!ad< "20031010" or @ad< "20031010") and non \$docsis and (cmts same cm) and (registration near5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:10
SI41	26	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration adj5 message) and parameter not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:10
SI42	29	((@r!ad< "20031010" or @ad< "20031010") and (docsis same cmts same cm) and (registration near5 message) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 23:10
SI43	0	((@r!ad< "20031010" or @ad< "20031010") and (docsis same ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:49
SI44	0	((@r!ad< "20031010" or @ad< "20031010") and ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:49
SI46	0	((@r!ad< "20031010" or @ad< "20031010") and (docsis same ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:49

S147	7	((@rlad<"20031010" or @ad<"20031010") and (docsis (data adj over cable)) and ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:50
S148	0	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:53
S149	176	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation near3 rate)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:53
S150	13	((@rlad<"20031010" or @ad<"20031010") and (docsis) and (((modulation adj rate)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:54
S151	1	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation adj rate) and (base adj rate)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 14:56
S152	28	((@rlad<"20031010" or @ad<"20031010") and (docsis) and ((modulation adj rate) and (base adj rate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 15:12
S153	49	((@rlad<"20031010" or @ad<"20031010") and broadband and rabenko	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 15:14
S154	1	((@rlad<"20031010" or @ad<"20031010") and (docsis) and (((modulation adj rate) and (base adj rate)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/21 15:14
S155	55	((@rlad<"20031010" or @ad<"20031010") and ((modulation near3 rate) and (base near3 rate) and (alpha near3 value)) not broadband	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/22 14:46
S156	0	((@rlad<"20031010" or @ad<"20031010") and (docsis with proprietary) and (base adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/22 14:51
S157	0	((@rlad<"20031010" or @ad<"20031010") and (docsis with proprietary) and (modulation adj rate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/22 14:51

S158	28	((@r1aD<"20031010" @ad<"20031010") and ((registration\$1 register\$3) near4 (cable adj modem cm cms) with (capabilit\$3 support \$3 legacy proprietary)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/18 18:50
S159	14	((@r1aD<"20031010" @ad<"20031010") and ((registration\$1 register\$3) near4 (cable adj modem cm cms) with (capabilit\$3 support \$3 legacy proprietary)) and docsis and unicast not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/19 15:07
S160	2	((@r1aD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) with (capabilit\$3 support\$3 legacy proprietary)) and docsis and (unicast with ucd) not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/02/19 15:10
S161	1	((@r1aD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) with (tuner device) with (support\$3 legacy proprietary)) and docsis and (unicast with ucd) not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 15:52
S162	2	((@r1aD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) with (tuner modem) with (support \$3 legacy proprietary)) and docsis and (unicast with ucd) not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 15:53
S163	2	((@r1aD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) and (tuner modem device) with channel with (support\$3 legacy proprietary)) and docsis and (unicast with ucd) not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:12
S164	2	((@r1aD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) and (tuner modem device) with channel) and docsis and (unicast with ucd) not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:45

S165	172	((@rlaD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) and (tuner modem device) with channel with (support\$3 legacy proprietary)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:45
S166	3	((@rlaD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) and ((tuner modem device) with channel with capacit\$3) with (support\$3 legacy proprietary)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:49
S167	5	((@rlaD<"20031010" @ad<"20031010") and ( (cable adj modem cm cms) and ((tuner modem device) with channel with number) with (support\$3 legacy proprietary)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:53
S168	0	((@rlaD<"20031010" @ad<"20031010") and ((cable adj modem cm cms) and ((tuner modem device) with unplaced) with (support\$3 legacy proprietary)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:14
S169	16	((@rlaD<"20031010" @ad<"20031010") and (cable adj modem cm cms) and ((tuner modem device) with (un \$placed un\$assigned)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:15
S170	1	((@rlaD<"20031010" @ad<"20031010") and (cable adj modem cm cms) and ((tuner modem device) with (un \$placed un\$assigned) with channel) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:21
S171	60	((@rlaD<"20031010" @ad<"20031010") and (cable adj modem cm cms) and ((tuner modem device) with ((un\$placed un\$assigned pre\$ \$determined) adj3 number)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:24
S172	61	((@rlaD<"20031010" @ad<"20031010") and (cable adj modem cm cms) and ((tuner modem device) with ((un\$placed un\$assigned pre\$ \$determined) near3 number)) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:25



S173	57	((@rlaD< "20031010" @ad< "20031010") and (cable adj modem cm cms) and ((tuner modem device) with ((un\$placed un\$assigned pre\$ \$determined) near3 number)) and (support\$3 legacy proprietary) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:27
S174	5	((@rlaD< "20031010" @ad< "20031010") and (cable adj modem cm cms) and (((assign\$3 creat\$3 add\$3) near3 channel) with ((un \$placed un\$assigned pre\$ \$determined) near3 number)) and (support\$3 legacy proprietary) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:46
S175	20	((@rlaD< "20031010" @ad< "20031010") and (cable adj modem cm cms) and (((assign\$3 creat\$3 add\$3) near3 channel) with threshold) and (support\$3 legacy proprietary) and docsis not "broadcom.asn"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 20:58

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